

## Supplementary material

### Chemicals

Ethanol 96% (Ph. Eur.) and hydrochloric acid (36%) were obtained from PhöniX Arzneiwarengroßhandlung Ges.m.b.H, Austria. Propan-1,2-diol puriss. p.a. ACS,  $\geq 99.5\%$  (GC), 2-methoxyphenol purum  $\geq 98\%$  (GC) and 3-methylbutanoic acid puriss.  $\geq 98.5\%$  (GC) were purchased from Fluka (Sigma Aldrich, Germany). propan-2-ol, (4R,4aR,8aS)-4,8a-dimethyl-1,2,3,4,5,6,7,8-octahydronaphthalen-4a-ol  $\geq 98\%$  ( $\sim 2$  mg/ml in methanol) and butanoic acid  $\geq 98\%$  were obtained from Sigma Aldrich, Austria. 2-Methoxy-3,5 or 6-(propan-2-yl)pyrazine  $\geq 98\%$  and Z-hex-3-en-1-ol  $\geq 98\%$  natural (FCC, FG) were products of SAFC (Sigma Aldrich, Austria). Methyl 2-phenylacetate was obtained from Kurt Kitzing GmbH, Germany.

**Table S1:** Mean values (Mean) and SEM of the latency and half recovery time of the skin conductance response (SCR), the changes of heart rate (HR Dif), heart rate variability (HRV Dif), number of breaths (BR Dif), number of eye-blanks (EBR Dif), forearm muscle activity (EMG Dif), and skin temperature (ST Dif) in response to the olfactory stimuli and the control.

	SCR latency		SCR half recovery time		HR Dif	
	Mean	SEM	Mean	SEM	Mean	SEM
<i>Summer air</i>	2.308	0.135	1.617	0.236	-2.999	0.620
<i>Candles</i>	2.372	0.099	1.365	0.127	-3.408	0.554
<i>Disinfectant</i>	2.638	0.115	1.416	0.115	-2.855	0.528
<i>Burnt smell</i>	2.603	0.109	1.339	0.088	-3.224	0.520
<i>Musty smell</i>	2.474	0.116	1.509	0.175	-3.363	0.650
<i>Vomit</i>	2.501	0.097	1.520	0.096	-2.683	0.562
<i>Water (control)</i>	2.597	0.153	1.245	0.084	-2.618	0.425
	HRV Dif		BR Dif		EBR Dif	
	Mean	SEM	Mean	SEM	Mean	SEM
<i>Summer air</i>	0.653	0.313	0.047	0.171	-0.109	0.395
<i>Candles</i>	0.348	0.402	0.000	0.194	-0.047	0.423
<i>Disinfectant</i>	0.674	0.443	0.094	0.211	-0.016	0.358
<i>Burnt smell</i>	0.109	0.470	0.172	0.182	0.094	0.416
<i>Musty smell</i>	0.089	0.434	0.109	0.188	-0.016	0.470
<i>Vomit</i>	-0.274	0.497	0.141	0.187	-0.292	0.389
<i>Water (control)</i>	0.884	0.598	-0.094	0.208	-0.203	0.447
	EMG Dif		ST Dif			
	Mean	SEM	Mean	SEM		
<i>Summer air</i>	0.053	0.053	-0.000	0.004		
<i>Candles</i>	0.036	0.036	-0.002	0.002		
<i>Disinfectant</i>	0.028	0.028	-0.006	0.004		
<i>Burnt smell</i>	0.010	0.010	0.009	0.003		
<i>Musty smell</i>	-0.036	-0.036	-0.003	0.004		
<i>Vomit</i>	0.035	0.035	0.000	0.003		
<i>Water (control)</i>	-0.012	-0.012	0.005	0.003		